and the resultant products of combustion are furnished as under :—

(.Jus from I kilogramme C.	(..') required.	(!( )a yielded .	X.	H...O vapo ur.
Cubic lUetre.	Cubic metre.	Cubic metre.	Cubic met re.	Cubi c ruet. n>.
OCX (KM .		0-05		
oo*' H>;J .	0815	H>3		
o,MirBo-oii .	0 06	0-04		()•()• !
Oil, 014 .	0-28	0-L4		0-28
n 0-4 1 .	0-205			(M 1
N a-7(> .		—	2-7(5	-—
5* 01 gas	i ;JGO			
accompanied by	5-1.15 N		friif>	
5*0 1 requiring	CM 75 air			
yielding an products of) combustion)	_	1-8(5	| 7-875	i o- 7;j

Tho 7*785 cubic metres N are derived practically entirely from the air. If, however, one wishes to take into account the N derived from the fuel, so one is able to deduct ()•()!, and then one obtains nitrogen derived from air 7"Hf>5 .cubic metres. In 1*8 times the amount of air tho nitrogen must amount

< lubie twtn\

to 1-3 X 7'8(»5 ••• 10-2'J In the gaH thoro is already N clorivod from air .

; 2*7t">

Itonco thoro iriiiHt l>o mtrotlueod from air

Whic.h carrion with it.....

Thus tho practicjii air r(«|uirotriont for ,V01 cubic metro gas from 1 kilogrammo (.1 .

7*-17 N

Or tho practical air rocjuiromont for 1 cubic motro |

5-01

I'HII .

If one wishes to ascertain values, which also shall bo valid for the most unfavourable working conditions of tho your, HO one must take into consideration the humidity of the air, and